SUBSTITUTE FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	112430.134US7
	Serial No.	09/993,739
	Applicant	Lee et al.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Filing Date	Nov. 23, 2001
	Group	1616
(37 CFR §1.98(b))	IDS Filed	

U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
M	5,605,713	02/25/97	Boltong			
M	5,152,836	09/12/91	Hirano			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
M	JP 06228011	12/12/94	Japan			Abstract only
	JP 7277712	10/24/95	Japan			Abstract only
	JP 63111875	05/17/88	Japan			Abstract only
	WO 92/02453	07/05/91	PCT WO			
	WO 94/02412	02/03/94	PCT WO			
	WO 94/04657	08/12/93	PCT WO			
	WO 94/25080	11/10/94	PCT WO			
	WO 95/08319	09/23/94	PCT WO			
	WO 96/36562	05/20/96	PCT WO			
	WO 97/17285	11/07/96	PCT WO			
	WO 92/001009	01/09/92	PCT WO			
	WO 94/20064	09/15/94	PCT WO			
	EP 0 268 463	05/25/88	Europe			
V	EP 0 347 028	11/18/89	Europe			

EXAMINER Mer Lee DATE CONSIDERED 3/18/03

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	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)
✓	Appel et al. "Recent Advances in Implants for Bone Growth Promotion" *Exp. Opin. Ther. Patents* 4:1461 (1994)
	Athanasou et al., "Current Concepts Review Cellular Biology of Bone-Resorbing Cells" *J. Bone and Joint Surg.* 78A:1096-1112 (1996)
	Hayes et al., "Augmentation of Cementless Femoral Stems to Improve Initial Stability Using a Remodelable Calcium-Phosphate Bone Material Substitute" *61st Annual American Academy of Orthopedic Surgeons Meeting*, New Orleans (02/94)
	Jang "Advanced Polymer Composites" Chapter 1, Introduction, *The Materials Information Society* 95 ?
	Norian Corporation, Product Information Sheet, "The Material Science of Norian SRS™, Skeletal Repair System™" 95
✓	Rey et al., "Chemical Properties of Poorly Crystalline Apatites" *Phosphorus Res. Bull.* 6:67-70 (1996) abstract only ✓

EXAMINER	DATE CONSIDERED
	3/18/03

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		Filing Date: Nov. 23, 2001	Group: 1616

U. S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
M	4,684,673	Adachi	August 4, 1987	523	116
	5,262,166	Liu et al.	November 16, 1993	424	423
	5,281,265	Liu	January 25, 1994	106	35
	5,427,754	Nagata et al.	June 27, 1995	423	308
	5,516,532	Atala et al.	May 14, 1996	424	548
	5,565,502	Glimcher et al.	October 15, 1996	523	115
	5,665,120	Ohtsuka et al.	September 9, 1997	623	16
	5,691,397	Glimcher et al.	November 25, 1997	523	115
	5,700,289	Breitbart et al.	December 23, 1997	623	16
V	5,782,971	Constantz et al.	July 21, 1998	106	690

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
M	WO 94/08458	~~International~~ WO	April 28, 1994	✓	

Examiner's Initials	**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, *Etc.*)**
M	Barton, et al., "Surface and Bulk Properties of Amorphous Calcium Phosphate", Colloid Interface Sci., 50th Proceeding Int'l Conf. 3:71(1976) CA:87:73954v
M	Besic, et al., "Electron Probe Microanalysis of Noncarious Enamel and Dentin and Calcified Tissues in Mottled Teeth", J. Dent. Res, 48: 131, Jan-Feb, 1969
M	Constanz, et al., "Skeletal Repair by in Situ Formation of the Mineral Phase of Bone", Science, 267:1976, (March, 1995.)

Neo Lee 3/18/03

Form PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket: 112430.134US7	In re Application No. 09/993,739
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	Driessens, et al., "Calcium Phosphate Bone Cements", Encyclopedic Handbook of Biomaterials and Bioengineering, Wise (Eds) New York, Marcel Dekker, pp 855-877, 1995.
	Ducheyne,et al., "Introduction to Bioceramic Composites", Bioceramics, Advanced Series in Ceramics, Volume I.
	Eanes, "Thermochemical Studies on Amorphous Calcium Phosphate", Calc. Tiss. Res. 5:133 (1979)
	Eanes, et al., "Intermediate Phases in the Basic Solution Preparation of Akaline Earth Phosphates", Calcified Tissue Res. 2(1): 38 (1968)
	Eanes, et al., "Intermediate States in the Precipitation of Hydroxyapatite", Nature, 208: 365, (October 1965.)
	Fukase, et al., "Setting Reactions and Compressive Strengths of Calcium Phosphate Cements", J. Dent. Res 69(12): 1852, (December, 1990)
	Gao, et al., "Established Competence of Bioactive Composite Bone Substitute on the Healing of Diaphyseal Segmental Defects in Sheep, Fifth World Biomaterials Congress, May 29-June 2, 1996, Toronto, Canada
	Glimcher, "Recent Studies of the Mineral Phase in Bone and its Possible Linkage to the Organic Matrix by Protein-Bound Phosphate Bonds", Phil. Trans. R. Soc. Land. B 304: 479 (1984).
	Glimcher, et al. "Recent Studies of Bone Mineral is the Amorphous Calcium Phosphate Theory Valid", Journal of Crystal Growth 53:100 (1981)
	Graves, et al., "Resorbable Ceramic Implants", J. Biomed, Mater. Res. Symposium 2:91, (1971)
	Greenfield, et al., "Formation Chemistry of Amorphous Calcium Phosphates Prepared from Carbonate Containing Solutions", Calc. Tiss. Res. 9: 152 (1972).
	Hollinger, et al., "Role of Bone Substitutes", Clinical Orthopaedics and Related Research, 324: 55, (1996).
	Horioglu, et al., "Long Term Follow-up of Hydroxyapatte Cement (HAC) Implants for Craniofacial Reconstruction", 21st Annual Meeting of the Society for Biomaterials, March 18-22, 1995, San Francisco, CA
	Ishikawa, et al., "Effects of Preparation Conditions in Aqueous Solution on Properties of Hydroxyapatites",9 (1):58 (1990) [CA 113:21868j]

3/10/03

Form PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket: 112430.134US7	In re Application No. 09/993,739
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	Kinoshita, et al., "Reconstruction of Mandibular Discontinuity Defects in Dogs Using Autogenic Particulate Cancellous Bone and Marrow and Poly (L-lactide) Mesh, Fifth World Biomaterials Congress, May 29-June 2, 1996. Toronto, CA
	Labarthe, et al., "Sur La Structure Et Les Proprietes Des Apatites Carbonatees De Type B Phospho-Calciques," Ann Chem. 8:289, 1973.
	Nylen, et al., "Molecular and Ultrastructural Studies of Non-Crystalline Calcium Phosphates", Calc. Tiss. Res. 9:95, 1972.
	Otsuka, et al., "Effect of Particle Size of Metastable Calcium Phosphates on Mechanical Strength of a Novel Self-Setting Bioactive Calcium Phosphate Cement", Journal of Biomedical Materials Research, 29:25 (1995)
	Pool, "Coral Chemistry Leads to Human Bone Repair", Science 269:1772 (March, 1995).
	Posner, et al., "Synthetic Amorphous Calcium Phosphate and its Relation to Bone Mineral Structure", Bone Mineral Structure,8:273 (1975)
	Rey, et al., "Preparation of Microporous Ceramic at Low Temperature From Poorly Crystalline Apatite", Symposium Abstract, 1993.
	Rey, et al., "Structural Studies of the Mineral Phase of Calcifying Cartilage", J. Bone Min. Res. 6:515, 1991.
	Rey, et al., "The Carbonate Environment in Bone Mineral: A Resolution-Enhanced Fourier Transform Infrared Spectroscopy Study, Cal. Tissue Int. 45:157-164, 1989.
2	Termine, et al., "Amorphous/Crystalline Interrelationships in Bone Mineral", Calc. Tissue. Res.1:8 98
	Tung, et al., "An Intermediate State in Hydrolysis of Amorphous Calcium Phosphate", Calc. Tissue Int. 35:784, 1983.
	Yasue, et al., "Effect of Adsorption of Succine Acid on the Formation of Amorphous Calcium Phosphate, International Edition, 102(12):1122(1994)

EXAMINER	DATE CONSIDERED 3/1/03

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Form PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket 112430.134US7	In re Application No. 09/993,739
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U. S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
	Re. 33,161	Brown et al.	Feb. 6, 1990	423	308
	Re. 33,221	Brown et al.	May 22, 1990	423	308
	4,157,378	Tomlinson et al.	June 5, 1979	423	301
	4,612,053	Brown et al.	Sep. 16, 1986	706	35
	4,737,411	Graves, Jr. et al.	Apr. 12, 1988	428	403
	5,427,754	Nagata et. al	Jun. 27, 1995	423	308
	4,429,691	Niwa et. al	Feb. 7, 1984	128	92
	4,849,193	Palmer et. al.	Jul. 18, 1989	423	308
	4,880,610	Constantz	Nov. 14, 1989	423	305
	4,917,702	Scheicher et al.	Apr. 17, 1990	623	16
	4,938,938	Ewers et al.	July 03, 1990	423	308
	4,959,104	Iino et al.	Sep. 25, 1990	106	85
	5,034,059	Constantz	Jul. 23, 1991	106	161
	5,037,639	Tung	Aug. 6, 1991	424	57
	5,047,031	Constantz	Sep. 10, 1991	606	77
	5,053,212	Constantz et al.	Oct. 1, 1991	423	305
	5,085,861	Gerhart et al.	Feb. 4, 1992	424	78.17
	5,129,905	Constantz	Jul. 14, 1992	606	76
	5,149,368	Liu et al.	Sep. 22, 1992	424	602
	5,164,187	Constantz et al.	Nov. 17, 1992	424	423

3/10/03

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	5,178,845	Constantz et al.	Jan. 12, 1993	423	305
	5,279,831	Constantz et al.	Jan. 18, 1994	424	423
	5,286,763	Gerhart et al.	Feb. 15, 1994	514	7724
	5,336,264	Constantz et al.	Aug. 9, 1994	623	16
	5,470,803	Bonfield et al.	Nov. 28 , 1995	501	1
	5,496,399	Ison et al.	Mar. 5, 1996	106	35
	5,522,893	Chow et al.	June 4, 1996	623	11
	5,525,148	Chow et al.	Jun. 11, 1996	106	35
	5,542,973	Chow et al.	Aug. 6, 1996	106	35
	5,545,254	Chow et al.	Aug. 13, 1996	106	35

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Date	Translation Yes	Translation No
	WO 94/02412	~~PCT~~ WO	Jul. 7, 1995	✓	
	EP 0664133	Europe	Feb. 3, 1994	✓	
	JP 2-182261	Japan	Jul. 16, 1990		
	JP 5-305134	Japan	Jul 5, 1993	?	
	JP 63170205 (Abstract)	Japan	July 14, 1988	✓	

Examiner's Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, *Etc.*)

3/18/03

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	Gao, T.J. "Established competence of Bioactive Composite Bone Substitute on the Healing of Diaphyseal Segmental Defects in Sheep," Fifth World Biomaterials Congress, May 29-June 2, Toronto, Canada. (98)
	Glimcher et al., "Recent studies of the mineral phase in bone and its possible linkage to the organic matrix by protein-bound phosphate bonds", Phil. Trans. R. Soc. Lond., B 304:479-508, 1984.
	Glimcher et al., "Recent Studies of Bone Mineral: Is the Amorphous Calcium Phosphate Theory Valid?" J. Crystal Growth, 53: 100-119 (1981).
	Graves et al., "Resorbable Ceramic Implants", J. Biomed. Mater. Res. Symposium, No. 2 (Part 1), pp. 91-115 (1971).
	Greenfield et al., "Formation chemistry of amorphous calcium phosphates prepared from carbonate containing solutions", Calc. Tiss. Res., 9:152 (1972).
	Hirasawa et al., "Manufacture of high purity hydroxyapatite," Chemical Abstracts, 108 (10), p. 166, no. 78193h (March 7, 1988).
	Holmes et al., "Surface areas by gas adsorption on amorphous calcium phosphate and crystalline hydroxyapatite", Calc. Tiss. Res., 7:163 (1971).
	Ishikawa et al., "Effects of preparation in aqueous solution on properties of hydroxyapatites", Dent. Mater. J. 9(1):58 (1990) [CA 113:218168j] (Abstract)
	Jones et al., "Poly [L-Lactide] and Poly [L-Lactide] Ceramic Filled Composites: A Long Term in vivo/in vitro Degradation Study," Fifth World Biomaterials Congress, May 29-June 2, 1996, Toronto, Canada.
	Kamei et al., "Implantation of hydroxyapatite-bonded polymer," Fifth World Biomaterials Congress, May 29-June 2, 1996, Toronto, Canada.
	Kim et al., "Hyaluronan Based Biodegradable Scaffolds for Skeletal Tissue Reconstruction," Fifth World Biomaterials Congress, May 29-June 2, 1996, Toronto, Canada.
	Kinoshita et al., "Reconstruction of Mandibular Discontinuity Defects in Dogs using Autogenic Particulate Cancellous Bone and Marrow and Poly(L-lactide) mesh," Fifth World Biomaterials Congress, May 29-June 2, 1996, Toronto, Canada.

3/18/03

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M	Labarthe et al., "Sur la structure et les properiétés des apatites carbonatées de type B phospho-calciques", Ann. Chem., 8:289 (1973).
	Ladizesky et al., "Hydrostatic Extrusion of Hydroxyapatite Polyethylene Composite", Fifth World Biomaterials Congress, May 29-June 2, 1996, Toronto, Canada.
	Liu et al., "Nano-Apatite/Polymer Composites II. Surface Modification of Nano-Apatite by Grafting of Polyethylene Glycol," Fifth World Biomaterials Congress, May 29-June 2, 1996, Toronto, Canada.
	Nylen et al., "Molecular and ultrastructural studies of non-crystalline calcium phosphates" Calc. Tiss. Res., 9:95 (1972).
	Óka et al., "Development of Artificial Osteo-Chondral Composite Material," Fifth World Biomaterials Congress, May 29-June 2, 1996, Toronto, Canada.
	Otsuka et al., "Effect of particle size of metastable calcium phosphates on mechanical strength of a novel self-setting bioactive calcium phosphate", J. Biomed Mat. Res., 29:25 (1995).
	Pool, "Coral chemistry leads to human bone repair", Science, 269:1772 (March, 1995).
	Posner et al., "Synthetic amorphous calcium phsophate and its relation to bone mineral structure", Bone Mineral Structure, 8:273-281 (1975).
	Rey et al., "The carbonate environment in bone mineral: a resolution-enhanced fourier transform infared spectroscopy study", Calcif. Tissue Int., 45:157 (1989).
	Rey et al., "Structural studies of the mineral phase of calcifying cartilage", J. Bone Min. Res., 6:515 (1991).
	Rey et al., "Preparation of Microporous Ceramic at Low Temperature from Poorly Crystalline Apatite", Symposium Abstract, 1993.
	Rizkalla et al., "Effect of Composition on Strength of Bioactive Composites," Fifth World Biomaterials Congress, May 29-June 2, 1996, Toronto, Canada.
	Saifullin, R.S., "Physical Chemistry of Inorganic Polymeric and Composite Materials", Chapter 1: Introduction, Ellis Horwood, New York. 95
	Selmani et al., "Bioerodible Polyester Foams for Orthopaedic Tissue Culture," Fifth World Biomaterials Congress, May 29-June 2, 1996, Toronto, Canada.

3/18/03

Form PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket 112430.134US7	In re Application No. 09/993,739
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	Termine et al., "Amorphous/Crystalline Interrelationships in Bone Mineral", Calc. Tiss. Res. 1, 8-23 (1967).
	Törmälä, P., "Biodegradable Self-Reinforced Composite Materials; Manufacturing Structure and Mechanical Properties", Clinical Materials 10:29-34 (1992).
	Tung et al., "An intermediate state in hydrolysis of amorphous calcium phosphate", Calcif. Tissue Int., 35:783 (1983).

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M	4,429,691	02/07/84	Niwa et al.			
	4,698,375	10/06/87	Dorman et al.			
	4,713,076	12/15/87	Draenert et al.			
	4,722,948	02/02/88	Sanderson et al.			
	5,007,930	04/16/91	Dorman et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
M	EP 0 520 690	12/30/92	Europe EP			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

M	Boskey, Adele I., "Matrix Proteins and Mineralization: An Overview", Connect. *Tiss. Res.*, 35, (1-4):357-363 (1997).
	Butterman, et al., "The use of bone allografts in the spine", *Clinic, Orthoped. Rel. Res.*, 324: 75 (1996).
	Crowley, et al., "Prosthesis for primary total hip replacement", *Int'l. J. Technol. Assess. Health Care*, 11(4): 770 (1995).
	Denissen et al., "Net-shaped hydroxyapatite implants for release of agents modulating periodontal-like tissues", *J. Periodontal Res.*, 32:40-46 (1997).
	Ducheyne, et al., "Adavanced Series in Ceramics, Vol. 1,; "Introduction to Bioceramic Composites", *L. Hench and J. Wilson, Eds World Scientific* New Jersey. '95

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M	5,019,379	05/28/91	Domb et al.			
	5,049,157	09/17/91	Mittelmeier et al.			
	5,264,215	11/23/93	Nakabayashi et al.			
	5,286,763	02/15/94	Gerhart et al.			
	5,342,441	08/30/94	Mandai et al.			
	5,352,715	02/28/92	Wallace et al.			

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Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

M	Friis, et al., "Fracture Toughness of Surface-Treated Carbon Fiber Reinforced Composite Bone Cement", *Fifth World Biomaterials Congress*, Toronto, Canada May 29-June 2, 1996.
M	Hubbell, "Biomaterials in tissue engineering", Bio/technology, 13:56, (1995).
M	Thissen et al., "Surface modification of bioresorbable polymers by plasma induced graft polymerization", *Fifth World Biomaterials Congress*, Toronto, Canada May 29-June 2, 1996.

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	3/10/03

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 13 of 13

Complete if Known	
Application Number	09/993,739
Filing Date	November 23, 2001
First Named Inventor	Dosuk D. Lee
Group Art Unit	1616
Examiner Name	TBD
Attorney Docket Number	112430.134US7

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	U.S. Patent Document Number	Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
M		6,201,039B1		Brown, et al.	03/13/2001	

FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	3/18/03

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Subst. For, PTO-1449

INFORMATION DISCLOSURE IN AN APPLICATION

(Use several sheets if necessary)

Docket Number	Application Number
112430.134US7	09/993,739

Applicant	
Lee et al.	

Filing Date	Group Art Unit
November 23, 2001	1616

Sheet	1	OF	1

U.S. Patent Documents

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	5,650,176	Jul 22, 1997	Lee et al.	424	602	Dec 29, 1995
	5,676,976	Oct 14, 1997	Lee et al.	424	602	May 19, 1995
	5,683,461	Nov 4, 1997	Lee et al.	623	16	Dec 29, 1995
	6,027,742	Jul 22, 1997	Lee et al.	424	602	Dec 29, 1995
	6,117,456	Sep 12, 2000	Lee et al.	424	602	Oct 16, 1996
	6,132,463	Oct 17, 2000	Lee et al.	623	16	Oct 16, 1996
	6,139,578	Oct 31, 2000	Lee et al.	623	16.11	Feb 13, 1998
	6,214,368 B1	Apr 10, 2001	Lee et al.	424	423	May 20, 1996
	6,277,151 B	Aug 21, 2001	Lee et al.	623	23.61	Feb 13, 1998
	6,287,341 B	Sep 11, 2001	Lee et al.	623	16.11	Mar 6, 1998
	6,331,312 B1	Dec 18, 2001	Lee et al.	424	426	Mar 2, 1998

Foreign Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
	3/10/03

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant.